Lesson Plan

Growing Patterns - Fibonacci Numbers in Nature

Sarah C. Campbell

Will be used to introduce patterns and sequences.

Time: 40 minutes

Will need: Class set of book.

Computer

10 minutes: Students read book

30 minutes (finish at home if necessary) Students will create a Power Point

Power point will include:

1 slide describing how to get the Fibonacci Sequence

5 slides of different pictures they found while researching Fibonacci Sequences

Slides must include a statement on how the object is related to the Fibonacci Sequence

2 slides each including a special property of Fibonacci Sequence

1 slide with a brief description of the Golden Ratio

Students will submit their Power Points to be graded by the following day.

Teacher will select the 3 best presentations and have the students present them.